


INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 52637-0021		SERIAL NO. 10/056,728 <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> RECEIVED MAY 13 2002 Technology Center 2600 </div>	
				APPLICANT Andrew Storm, et al.		FILING DATE January 22, 2002	
				GROUP 2631			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
llt	5,068,873	11/26/91	Murakami	375	13	10/29/90	
llt	5,111,481	5/5/92	Chen et al.	375	14	11/17/89	
llt	5,432,816	7/11/95	Gozzo	375	232	4/10/92	
llt	5,432,821	07/11/95	Polydoros et al.	375	340	12/02/92	
llt	5,715,280	2/3/98	Sandberg et al.	375	260	6/20/96	
llt	6,295,326	9/25/01	Tonissen et al.	375	350	3/1/00	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
llt	WO 00/54472	9/14/00	PCT				
llt	WO 97/40587	10/30/97	PCT				
llt	WO 98/59450	12/30/98	PCT				
llt	EP 0 795 985 A2	9/17/97	EPO				
llt	EP 0 912 023 A1	4/28/99	EPO				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
llt	Melsa, P., et al., "Impulse Response Shortening for Discrete Multitone Transceivers", IEEE Transactions on Communications, Vol. 44, No. 12, December 1996.						
llt	Al-Dhahir, N., et al., "Optimum Finite-Length Equalization for Multicarrier Transceivers", IEEE Transactions on Communications, Vol. 44, No. 1, January 1996.						
llt	Chow, J., et al., "A Discrete Multitone Transceiver System for HDSL Applications", IEEE Journal on Selected Areas in Communications, Vol. 9, No. 6, August 1991.						
llt	Bellanger, M. G., "Adaptive Digital Filters and Signal Analysis", 1987, XP002169514, pp. 4-12 and 179-183.						
llt	Dalle Mese, et al., "Fixed-Lag Smoother for Digital Channel Equalisation", Electronic Letters, IEE Stevenage, vol. 13, no. 12, 9 June 1977, pg. 366-367, XP0000761143, ISSN: 0013-5194.						
llt	Chen, W. Y., "DSL: Simulation Techniques and Standards Development for Digital Subscriber Line Systems", 1988, XP002169513, pp. 8, 9, 11, 149-159.						
llt	Van Bladel, Mark and Moeneclaey, Marc, "Time-domain Equalization for Multicarrier Communication," IEEE Global Telecommunications Conference, Nov. 14, 1995, pgs 167 171.						
llt	Lashkarian, Navid and Kiaei, Sayfe, "Fast Algorithm for Finite-Length MMSE Equalizers with Application to Discrete Multitone Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing, Mar. 15, 1999, pgs 2753-2756.						
EXAMINER <div style="font-family: cursive; font-size: 1.2em;">KHAI TRAN</div>				DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em;">5/28/05</div>			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if no inconformance and not considered. Include copy of this form with next communication to Applicant.